

Re: Wrapping TCP communications in HTTP

Source:

<http://www.tech-archive.net/Archive/Development/microsoft.public.win32.programmer.networks/2005-12/msg00075>

- *From:* "Alexander Nickolov" <agnickolov@xxxxxxxx>
 - *Date:* Mon, 5 Dec 2005 11:08:12 -0800
-

Well, of course this helps nothing with security :). I just noticed the intent of the original post. I've been handling this in the completely wrong direction...

To OP: HTTP won't help you a bit since it's not a secure protocol. You need to use SSL/TLS to encrypt your data. If you are worried about firewalls blocking ports, use the HTTPS port 443.

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MVP VC FAQ: <http://www.mvps.org/vcfaq>
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"Steve Alpert" <sra@xxxxxxxxxxxxxxxxxxxx> wrote in message
news:OHT7gEc%23FHA.2176@xxxxxxxxxxxxxxxxxxxxxxxx

> Mick wrote:

>> We have a set of applications that use TCP sockets (winsock2) to
>> communicate between machines. To communicate, a client machine
>> establishes a TCP socket connection to a server, then sends and receives
>> messages using our own proprietary protocol. We have developed and tested
>> all of this and it works fine. Now, because of firewall security issues
>> at some of our customer sites, we would like to wrap these communications
>> in the HTTP protocol. Is it possible to do this? If so, what would be
>> required to implement this?

>>

>> I know very little about HTTP, but my understanding is that HTTP
>> communications requires that you establish a session with a server, send
>> request messages to the server, and then wait to receive a response.
>> Would this require us to scrap our existing socket implementation, or can
>> we just wrap our messages in HTTP?

>>

>> Any advice on how to implemt this will be much appreciated. Thanks!

>>

>

> Although likely, most firewalls block ports and not protocols. That

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> suggests they leave open port 80 (assuming http) and 443 (assuming https).
> They MAY check the envelopes but then again, maybe not!
>
> /steveA
>
> ---
> Steve Alpert
> my email Fgrir_Nycreg @ vqk.pbz is encrypted with ROT13 (www.rot13.org)
> and spaces
>

• *Follow-Ups:*

- ◆ ***Re: Wrapping TCP communications in HTTP***
 ◇ *From:* Mick

• *References:*

- ◆ ***Re: Wrapping TCP communications in HTTP***
 ◇ *From:* Steve Alpert

- Prev by Date: ***Re: LSP HTTP redirecting***
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